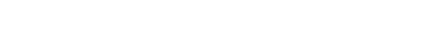# SERVER-SIDE HTML CUSTOMIZATION BASED ON STYLE SHEETS AND A TARGET DEVICE

ABSTRACT OF THE DISCLOSURE

A request reception module receives a request for an document stored within document server. A parsing module parses the document to generate therefrom a corresponding document object model (DOM) including at least one object. A style sheet access module obtains a style sheet including at least one rule directed to a target device for displaying the document. An style sheet application module applies the at least one rule of the style sheet to the DOM. A flattening module flattens the DOM to generate therefrom a corresponding transformed document. A transmission module transmits the transformed document to a requesting client program.

IBM No. ST9-99-153   Docket No. 3000.2.28